

DHEC 3103 (08/1997)

Mining Form MR-500

S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL BUREAU OF LAND AND WASTE MANAGEMENT DIVISION OF MINING AND SOLID WASTE PERMITTING 2600 Bull Street, Columbia, SC 29201

Telephone Number: (803) 896-4261 Fax Number: (803) 896-4001

Permit No.

RECLAMATION PLAN DHEC FORM 500 DATE VERSION ADOPTED 7/1/94

As required in Section 48-20-90 of the South Carolina Mining Act, "An operator shall submit with his application for an operating permit a proposed reclamation plan. The reclamation plan for an operating permit only must be furnished to the local soil and water conservation district in which the mining operation is to be conducted. The plan must include as a minimum each of the elements specified in the definition of 'reclamation plan' in Section 48-20-40 and information required by the department. The reclamation plan must provide that reclamation activities, particularly those relating to control of erosion, to the extent feasible, must be conducted simultaneously with mining operations and be initiated at the earliest practicable time after completion or termination of mining on a segment of the permitted land. The plan must provide that reclamation activities must be completed within two years after completion or termination of mining on each segment of the area for which an operation permit is requested unless a longer period specifically is permitted by the department."

	PPLICANT INFORMATION	en grand de la companya de la compa		
7	. Name of Company:			
2	Name of Proposed Mine:		County: _	
3	Home Office Address:			
	(Street <u>and</u> P.O. Box)			(Telephone No.)
4	(City) Local Office Address:	(State)	(Zip Code)	(Fax No.)
	(Street <u>and</u> P.O. Box)			(Telephone No.)
5	(City) Name of company personnel and their title to be and correspondence:		(Zip Code) pusiness	(Fax No.)
6	Location of Mine:			
	State or County Hwy No.		Nearest To	wn or City
Ε	NVIRONMENTAL PROTECTION			
1.	Describe practices to protect adjacent resource mining and reclamation.	s such as roads, wildlife	areas, woodland, cropl	and and others durir
		•		•
2.	Describe proposed methods to limit significant a	dverse effects on adjace	nt surface water and gr	oundwater resource
2.	Describe proposed methods to limit significant a	dverse effects on adjace	nt surface water and gr	oundwater resource
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· ·	area.							
5. Describe Departme	how applicant ent of Health an	will comply wind Environmen	th State air quali tal Control.	ty and water qualit	ty standard	s as establis	hed by the	∍ S.C.
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. RECLAMAT	ION OF AFFE	CTED AREA	•					
a. Lake o				f. Grassland g. Recreation				
c. Woodl	ands		·	h. Wetlands				
d. Reside	ential			i. Park			-	
e. Comm	ercial			j. Other				
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	exists for (a) acid rock drai	inage; (b) whe	ere the Nationa	al Pollutant Disc	charge Elimi	nation Sys	tems (NPD	ES) Permit h
	discharge limitation param stockpiles (excludes fertiliz	eters otner the zer or lime for i	an pH and Tota revegetation p	al Suspended S urposes).	Solids (TSS)	; (c) chemi	cally treate	d tailings or
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11.	Method of control of contar directly connected with the deposited on or in the pern	mining, cleani	ing, and prepai	e waste soil, roo ration of minera	k, mineral, s Il substance	crap, tailin s mined an	gs, slimes, d includes a	and other ma
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2.	Method of reclaiming settling	ng and/or sedi	ment nands					
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- 17. Identify any structures (e.g. buildings, roads) that are proposed to remain as part of final reclamation. Provide justification for leaving any structures.
- 18. Attach two (2) copies of a map of the area (referred to as the RECLAMATION MAP) that shows the reclamation practices and conservation practices to be implemented. The following should be shown:
 - A. The outline of the proposed final limits of the excavation during the number of years for which the permit is requested.
 - B. The approximate final surface gradient(s) and contour(s) of the area to be reclaimed. This would include the sides and bottoms of mines reclaimed ponds and lakes.
 - C. The outline of the tailings disposal area.
 - D. The outline of disposal areas for spoil and refuse (exclusive of tailings ponds).
 - E. The approximate location of the mean shore line of any impoundment or water body and inlet and/or outlet structures which will remain upon final reclamation.
 - F. The approximate locations of access roads, haul roads, ramps or buildings which will remain upon final reclamation.
 - G. The approximate locations of various vegetative treatments.
 - H. The proposed locations of re-established streams, ditches or drainage channels to provide for site drainage.
 - I. The proposed locations of diversions, terraces, silt fences, brush barriers or other Best Management Practices to be used for preventing or controlling erosion and off-site siltation.
 - Proposed locations of the measures to provide safety to persons and adjoining property.
 - K. Segments of the mine that can be mined and reclaimed as an ongoing basis.
 - L. The boundaries of the permitted area.
 - M. The boundaries of the affected area for the anticipated life of the mine.
 - N. The boundaries of the 100-year floodplain, where appropriate.
 - O. Identify sections of mine where the final surface gradient will be achieved by grading and/or backfilling.
 - P. A legend showing the name of the applicant, the name of the proposed mine, the north arrow, the county, the scale, the date of preparation and the name and title of the person who prepared the map.

THE REQUIRED RECLAMATION MAP SHALL HAVE A NEAT, LEGIBLE APPEARANCE AND BE OF SUFFICIENT SCALE TO CLEARLY SHOW THE REQUIRED INFORMATION LISTED ABOVE. THE BASE FOR THE MAP SHALL BE EITHER A SPECIALLY PREPARED LINE DRAWING, AERIAL PHOTOGRAPH, ENLARGED USGS TOPOGRAPHIC MAP OR A RECENTLY PREPARED PLAT. RECLAMATION MAP SHOULD BE THE SAME SCALE USED FOR THE SITE MAP.

IV. SCHEDULE FOR IMPLEMENTATION OF CONSERVATION AND RECLAMATION PRACTICES

19. As stated in Section 48-20-90 of the S.C. Mining Act, reclamation activities, to the extent feasible, must be conducted simultaneously with mining operations. Identify which areas or segments of the mine are <u>not</u> feasible to reclaim simultaneously with mining. Provide reasons why reclamation can not proceed simultaneously with mining in these areas.

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20. Section 48-20-40(16)(I) of the S.C. Mining Act requires a "time schedule, including the anticipated years for completion of reclamation by segments." This time schedule should meet the requirements of Section 48-20-90 of the Mining Act.

SCHEDULE FOR IMPLEMENTING CONSERVATION AND RECLAMATION PRACTICES

Conservation & Reclamation	Segment # Planned *Applied		Planned *Applied		N1-4-	
Practices	Area	Amount	Year	Amount	Month/Year	Notes
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ompleted by the Departmer						

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YOU ARE NOTIFIED THAT:			
You, the operator, must file an a forth hereinabove; <i>and</i>	pplication to modify the reclamation	n plan in the event actual reclam	ation varies from the set
2) If at any time it appears to the D and requirements of the S.C. M 48-20-150.	epartment that the activities under ining Act, the Department may mod	the reclamation plan are failing t lify the RECLAMATION PLAN ir	o achieve the purposes accordance to Section
		·	
Signature of Applicant/Operator or h	is Authorized Representative		
Printed Name of Applicant/Operator	or his Authorized Representative		
	•		
Title		· · · · · · · · · · · · · · · · · · ·	
Date			
		<i>:</i>	
Permit No.: Date Applica			
Bond Amount: Bl	anket or Single Bond:	Permit Issuance Date:	· · · · · · · · · · · · · · · · · · ·
ACTION TAKEN ON THIS RECLAM	ATION PLAN		
ApprovedD	eniedApproved with Ad	dditional Terms and Conditions	
Ву:			
DIVISION DIRECTOR			
Date:			
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